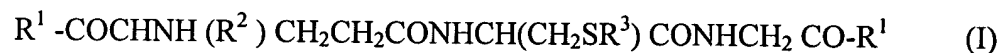


## ABSTRACT OF THE DISCLOSURE

Topical compositions and methods including non-amphoteric derivatives of glutathione, for example, N-acyl-glutathiones, N-acyl-glutathione amides, and N-acyl-glutathione esters are disclosed for use in the treatment and prevention of cosmetic conditions and dermatological disorders, are disclosed. The non-amphoteric glutathione derivatives may have the structure of (I):



wherein  $R^1$  is independently selected from  $-OH$ ,  $-NH_2$ ,  $-NHNH_2$ , an alkoxyl group, an aralkoxyl group, and an aryloxyl group and  $R^2$  and  $R^3$  are each independently selected from a hydrogen atom or an acyl group, but if at least one  $R^1$  is  $-OH$ ,  $-NH_2$ , or  $-NHNH_2$ , then  $R^2$  is an acyl group.